

## II. SPECIFICATION AMENDMENTS

On page 1, line 1, please replace the Title with the following:

--A Subband Method and Apparatus for Determining Speech Pauses  
Adapting to Background Noise Variation--

On page 1, after the title, on line 2, please insert the  
following section:

### --CROSS-REFERENCE TO RELATED APPLICATION

This application is a continuation of and claims priority from  
U.S. Patent Application No. 09/482,277, filed on January 13,  
2000.--

Please insert the following heading at page 1, line 3:

Background of the Invention

Please insert the following heading at page 2, line 28:

Brief Summary of the Invention

Please insert the following heading at page 3, line 26:

Brief Description of the Drawings

Please insert the following heading at page 4, line 26:

Detailed Description of the Invention

Please replace the paragraph beginning on page 1, line 4 through  
line 8 as rewritten below:

The present method relates to a method in speech recognition--as  
~~set forth in the preamble of the appended claim 1, a speech~~  
~~recognition device as set forth in the preamble of the appended~~

~~claim 8, and a speech-controlled wireless communication device as set forth in the preamble of the appended claim 11.~~

Please replace the paragraph beginning on page 2, line 29 through page 3, line 4 as rewritten below:

It is an aim of the present invention to provide an improved method for detecting pauses in speech and a speech recognition device. The invention is based on the idea that a tone band to be examined is divided into sub-bands, and the power of the signal is examined in each sub-band. If the power of the signal is below a certain limit in a sufficient number of sub-bands for a sufficiently long time, it is deduced that there is a pause in the speech. ~~The method of the present invention is characterized in what will be presented in the characterizing part of the appended claim 1. The speech recognition device according to the present invention is characterized in what will be presented in the characterizing part of the appended claim 8. The wireless communication device of the present invention is characterized in what will be presented in the characterizing part of the appended claim 11.~~

Please replace Abstract page 19 with the following:

Abstract

~~In a~~ A method for detecting pauses in speech signals is disclosed in speech recognition, for recognizing speech commands uttered by the user, the voice is converted into an electrical signal, whose in which the frequency spectrum is divided into two or more sub-bands. Samples of the signals on the sub-bands are stored at intervals, the energy levels of the sub-bands are determined on the basis of the stored samples, a power threshold value (thr) is determined, and the energy levels of the sub-bands are compared with said power threshold value (thr). A subband minimum is set and a detection time limit is set so that, in a noise situation, a speech pause can be verified by checking to determine if each pause detected remains for the duration of the detection time limit and if a pause is detected in at least said minimum subbands ~~The comparison results are used for producing a pause detecting result.~~

~~Fig. 1~~